

WHAT IS CLAIMED IS:

5 1. An Ink jet printhead comprising
a channel plate having a plurality of ink channels etched into at least one surface thereof,
actuators respectively associated with each of the ink channels for pressurizing ink contained in the ink channels, and
means defining an ink reservoir communicating with the ink channels, wherein
10 said ink reservoir is defined by a base member made of a material different from that of the channel plate.

15 2. The Ink jet printhead according to claim 1, wherein the channel plate is held in butting engagement with a surface of the base member in which an ink supply passage is formed for establishing fluid communication between the ink reservoir and the ink channels.

20 3. The Ink jet printhead according to claim 1, wherein the channel plate is fixed to the base member by means of an adhesive.

4. The Ink jet printhead according to claim 1, wherein the base member is made of graphite.

25 5. The Ink jet printhead according to claim 1, wherein the channel plate is made of silicon.

30 6. The Ink jet printhead according to claim 1, wherein a portion of the base member forms a support plate sandwiched between two separate channel plates.

7. A method of manufacturing an ink jet printhead having a channel plate provided on at least one surface with a plurality of ink channels, a flexible sheet for covering the open sides of the ink channels, and an actuator block forming a plurality of actuators, which comprises assembling the channel plate, the flexible sheet and the actuator block together to form a unit which is then fitted to a base member.

Sub B1

Sub C2

Sub B2

Sub A1

Add B3